

DISCLOSED

SECTION

No. 796

MIM
12319

DISCLOSED

SECTION

No. 796

19 NOV. 1962

Rpt. 1

Port

CALCUTTA

No.

20943

Date of completing report 15.10.62.

When handed in at Local Office

Received London

Survey held at

HOWRAH

First Visit

29.5.61

Last Visit

7.9.62

No. of Visits

22

FIRST ENTRY SHIP REPORT

ON THE SS/MS TUG "AGNIJOY"

Has Report been sent on (1) Freeboard of Ship?

YES - Rpt. C11 ONLY.

(2) Machinery?

YES.

(Rpt. C11 & Rpt. C11 (Comp.) are to be forwarded in advance when freeboards are assigned by the Society. In cases where freeboards are assigned by another Authority or when ships are exempt from Load Lines, Rpt. C11 only need be forwarded).

F.E. FROM ACCTS.	20 NOV 1962
F.E. FROM ADMIN/F	26/11
PLANS E.D.	18/11
CERTS. RECD.	18/11
REPORTS SENT	7/12

Type of Ship TWIN SCREW FIRE FIGHTING TUG.

Is machinery fitted aft?

No.

Length (D 201 of Rules)*

109'-0"✓

Breadth (D 202 of Rules)

30'-0"✓

Depth (D 203 of Rules)

13'-3"✓

Draught (summer moulded) (D 204 of Rules)

11'-0"

Deck Factor "F" excluding d_t

-

" " "F" including d_t

-

Gross tonnage

282.34

Net tonnage

-

Official number

WB 747

Signal letters

NONE

Built at

HOWRAH, WEST BENGAL, INDIA.

Launched

21ST NOVEMBER, 1961.

Yard No.

4142

Builders

HOOGHLY DOCKING & ENGINEERING CO. LTD.,

6, HOWRAH ROAD, HOWRAH.

Owners

CALCUTTA PORT COMMISSIONERS.

Address

STRAND ROAD, CALCUTTA.

Managers

-

Address

-

Port of Registry

CALCUTTA

Date of last survey in drydock

10.8.62.

GENERAL DECLARATION

Has the ship been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's letters?

YES. ✓

Have the scantlings and arrangements of the ship as built been checked by you and found to be in accordance with the approved plans or with equivalent arrangements?

YES. ✓

Have any modifications and/or additions to the original approved arrangements made during construction, been indicated in ink of a distinctive colour other than red on the approved plans now forwarded, and approved locally as being in accordance with or by standards equivalent to Rule requirements?

(SEE NOTE PAGE 4)

YES.

If separate plans of midship section and profile and decks showing the ship as built are forwarded, have they been checked with the approved arrangements and found in order?

YES.

Certified copies only received.

Are the materials and workmanship satisfactory?

YES. ✓

Have the freeboards been satisfactorily marked on the ship's sides and verified?

NO - L.L. ASSIGNMENT NOT REQUIRED.

BUILDER'S DECLARATION : To the best of my knowledge the ship has been built in conformity with the Rules, Regulations and requirements of Lloyd's Register of Shipping.

THE HOOGHLY DOCKING AND ENGINEERING CO., LTD.

CHIEF NAVAL ARCHITECT

Builder's Signature

FEES, etc.

Special Survey fee

Rs. 575/-

Travelling expenses

Rs. 220/-

Late attendance fees

-

Fees applied for

21 November, 1962. Received

Classification Certificate to be sent to

SURVEYORS, CALCUTTA.

Date of issue

21 JAN 1963

Has an Interim Certificate been issued?

YES.

This Ship in my opinion is eligible to be classed:—
(Special notations where part of class to be stated)

+ A1. TUG FOR RIVER HOOGHLY SERVICE (FIRE FIGHTING).

Signature

Hugh Cameron

FOR J. CURRIE & SONS

Surveyor(s) to Lloyd's Register of Shipping

Committee's Minute

FRIDAY 21 DEC 1962

Character Assigned

+ A1

Tug

8.62

River Hooghly Service

LACP

+ LMC ES

MBS

IS (04)

SPS

OF

9.62

Noted
for
Header

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Lloyd's Register
Foundation

STEEL

Manufacturer's Name and/or Trade Mark of the steel used in the construction of the ship:—

Plates:— SOUTH DURHAM STEEL & IRON CO., WEST HARTLEPOOL. DORMAN LONG & CO. (REDFEAR WORKS).

Sections:— DORMAN LONG & CO. (BRITANNIA WORKS). TATA IRON & STEEL CO., INDIAN IRON & STEEL CO.

Has the steel been manufactured at works recognised by the Committee and tested in accordance with the Rules? YES. TESTED BY THE SOCIETY'S SURVEYORS AT THE ABOVE NOTED WORKS.

Process of manufacture (e.g. Open hearth, electric furnace, etc.) OPEN HEARTH.

Particulars of Special Quality Steel used NONE.
(Advice notes to be forwarded separately with plan showing disposition of these plates)

ELECTRIC WELDING

Parts of main structural importance electrically welded PROPELLER BRACKETS, PALMS TO BOSS, STERNFRAME, BUTTS OF SHELL PLATES, DECKS & BULKHEADS.

Parts examined by radiography PROPELLER BKTS. & STERNFRAME.

Were the electrodes used of types approved by the Committee? YES.

FORGINGS, CASTINGS AND FABRICATED PARTS

ITEM	FORGING, CASTING OR FABRICATED (Certificates to be forwarded)	MAKER'S NAME
Stem bar	<u>FABRICATED, SOFT NOSE.</u>	<u>THE HOOGHLY DOCKING & ENGINEERING CO. LTD.</u>
Shaft brackets	<u>FABRICATED & FORGED.</u>	<u>THE HOOGHLY DOCKING & ENGINEERING CO. LTD.</u>
Sternframe	<u>FABRICATED.</u>	<u>THE HOOGHLY DOCKING & ENGINEERING CO. LTD.</u>
Rudder mainpiece or post STOCK.	<u>FORGED.</u>	<u>THE HOOGHLY DOCKING & ENGINEERING CO. LTD.</u>
Rudder head CARRIER.	<u>CAST IRON</u>	<u>VICKERS ARMSTRONGS (ENG.) LTD., NEWCASTLE-ON-TYNE.</u>
Quadrant CROSSHEAD.	<u>CAST IRON</u>	<u>VICKERS ARMSTRONGS (ENG.) LTD., NEWCASTLE-ON-TYNE.</u>
Tiller	<u>FORGED STEEL.</u>	<u>VICKERS ARMSTRONGS (ENG.) LTD., NEWCASTLE-ON-TYNE.</u>

GENERAL PARTICULARS

Steering gear (Type & Maker) ELEC/HYDRAULIC NEWCASTLE ON TYNE VICKERS ARMSTRONGS LTD. Auxiliary steering gear HAND OPERATED (VICKERS ARMSTRONGS LTD.)
CLASS "A" TYPE STEAM OPERATED

Steering chains (Size & test) — Windlass (Type & Maker) BY MRS. CHARKE CHAPMAN & CO. LTD.

Ceiling in holds (Material & thickness) — Are cargo battens fitted in holds? NONE in 'tween decks? NONE

Parts of bottom plating on which cement or an approved composition is laid (if fitted):— NONE.

Particulars of composition (if any):— NONE

Insulated cargo compartments (if any):— NONE

Parts of structure of material other than steel (if any):— NONE

If mechanical ventilation is fitted, state in which cargo spaces:— NONE

If cathodic protection is fitted, state in which tanks:— NONE

EQUIPMENT

Number 4714

Letter —

ANCHORS

Certificate No.	Anchor	Weight of Anchor Cwt. lbs.	Weight of Stock (if any)	Test per Certificate T C Q 1/2	Rule weight Cwt.	Description of Anchor	Where and when tested
27675	Bower (1)	9 3 1/2	—	11 17 3 7	6 3/4	STOCKLESS HALLS TYPE	CARDIFF. F.W.D. 16.2.61
27676	" (2)	9 3 1/2	—	11 17 3 7	6 3/4	DITTO	CARDIFF. F.W.D. 16.2.61
27677	" (3)	9 3 2 1/2	—	12 — — —	6 3/4	DITTO SPARE	CARDIFF. F.W.D. 20.2.61
	Coll. wt.	29 2 2 1/2			20 1/4		
27682	Stream	2 1 2 1/2	—	5 0 0 0	—	STOCKLESS HALLS TYPE	CARDIFF. F.W.D. 21.2.61

CHAIN CABLES

Number of Certificate	Supplied Length Dia.	Test per Certificate Stat. Bkg.	Weight of Chain Cable Supplied	Rule	Description and Material	Makers of Cable	Where and when tested
	Fms. or metres	Ins. lbs.	Tons or kgs.	Rule Cwt. lbs.	Length Dia.		
36492	120 1/8	3 1/2	20 1/2	79 2 12 60 3/8	— — 105 1/16	STUD LINK S.G. "TAYCO"	S. TAYLOR SONS BRIERLY HILL NETHERTON D.M. 23.2.61
	INCLUDING 7 JOINING AND 2 END SHACKLES OF "D" TYPE.						
36493	120 1/8	3 1/2	20 1/2	80 3 1/2 60 3/8	— — 105 1/16	STUD LINK S.G. "TAYCO"	S. TAYLOR SONS BRIERLY HILL NETHERTON D.M. 23.2.61
	INCLUDING 7 JOINING AND 2 END SHACKLES OF "D" TYPE.						
	ONE SPARE LENGTH CABLE ETC. TO OWNERS STORES FOR THIS SHIP AS FOLLOWS:—						
36609	120 1/8	3 1/2	20 1/2	80 0 1/2 60 3/8	— — 105 1/16	STUD LINK S.G. "TAYCO"	S. TAYLOR SONS BRIERLY HILL NETHERTON D.M. 23.2.61
	Stream wire or chain						

Are joining shackles of the lugless type fitted? No.

TOWLINE AND MOORING ROPES

CAST STEEL ANCHOR HEAD DROP TEST

Item	Supplied Length Circ.	Breaking Test Length Circ.	Rule	Maker's Name	Certificate number	Weight (to include pins, etc.)	Surveyors' Initials	Date of Test
	Fathoms	Ins.	Tons or kips					
Bower (1)	100 2 1/2	17.7	39.0	BROWN LENOX & CO. LTD.	A. 1776	6 0 21	J.V.N.	28.11.60
" (2)	120 2 1/2	39.0	—	DITTO	A. 1773	6 1 5	J.V.N.	28.11.60
" (3)	60 6	13.0	60 6 3/4	DITTO	A. 1780	6 1 7	J.V.N.	12.12.60
Stream	60 5	9.5	60 4 3/4	DITTO	A. 1756	1 2 2	J.V.N.	16.12.60
GF SWR 1/2	20 1 1/2	11.32	—					29.9.60
MANILLA	120 4	—	—					5.10.60
"	120 2 1/2	—	—					

PARTICULARS FOR REGISTER BOOK (feet & inches)

Moulded length (see Key to Register Book) 109'-0" Moulded breadth 30'-0" Moulded depth 13'-3"

Number and material of decks ONE STEEL; (LOWER DECK, WOOD ON STEEL STRINGERS).

Length of Poop — R.Q.D. — Bridge — Fo'cle — Trunk —

Overall length 116'-6" Extreme breadth 30'-5 1/2" Rise of floor 12"

Is ship of O.S.D. Type? — Is ship of C.S.D. Type? — Is duct keel fitted? —

Is longitudinal framing fitted? (state where) No

Is strengthening for navigation in ice fitted? (state class) No

Is additional strengthening for heavy cargoes fitted? No

Is the ship (if not a motorship) fitted for the carriage and burning of oil as fuel? YES

Is the ship (if not an oil tanker) fitted for carrying oil as cargo? — and if so state where, together with the flash point where required to be inserted in the notation:—

Watertight and/or Oiltight Bulkheads (state number required by Rules) 4

Bulkheads in ship extending to Upper deck on frame numbers:— 7, 16, 43, 56

Bulkheads in ship extending to deck below upper deck on frame numbers:—

Is E.S.D. fitted? No Is Radar fitted? No

Is D.F. fitted? No Is Gyro Compass fitted? No

Is Position Fixing Device fitted? No

Is Submarine Signalling apparatus fitted? No

012315-012323-0149 1/2

CAPACITIES OF TANKS (35 c.f. per ton) (Capacity Plan to be forwarded) (N.B. NO CAPACITY PLAN AVAILABLE BUT TRIM AND STABILITY PARTICULARS ATTACHED GIVING TANK CAPACITIES.)
(O.F. or F.W. ONLY to be inserted against tanks used exclusively for oil fuel or fresh water)

Double bottom tanks:— No. 1 No. 2 No. 3 No. 4 No. 5 No. 6
No. 7 No. 8 No. 9 No. 10 No. 11 No. 12
Fore peak tank DRY SPACE After peak tank DRY SPACE Midship deep tank —
Deep tank aft — Deep tank fwd. — Topside tanks —
Tanks at sides of tunnel — Tanks in way of tunnel — Deck tanks £ (F.W.) TANK. 15.8 TONS.
Side tanks (P&S) O.F. BUNKERS 38.8 TONS D.B. Wing tanks (P&S) IN F.R. (F.W.) 8.5 TONS. Other tanks £ (F.W.) TANK. 9.0 TONS.
If ship is an oil tanker state the numbers of main cargo tanks used exclusively for water ballast (if any) with capacities:—

GENERAL REMARKS

Names and yard numbers of sister or similar ships to be stated below. Numbered list of "Approved" and "As Built" plans to be given below or furnished separately (Port, Report Number, Builders' Name and Yard Number, Name of Ship and title of plan in English to be stated on outside of all plans folded to a maximum size of 11" x 9". List of forging, casting or equivalent fabricated parts, certificates to be given below with Certificate number, Port and Date.)

APPROVED PLANS	AS BUILT PLANS	CERTIFICATES FOR
1. FUEL BUNKER HATCHES.	1. TRIM & STABILITY PARTICULARS. ✓	1. MONARCH TOW HOOKS. CERTS. NOS. 2, 76212 & 3. LON. 5.10.60. ✓
2. STORE HATCHES.	2. STEEL PLAN & BULKHEADS. ✓	
3. SHELL EXPANSION.	3. ENGINE & BOILER SEATS. ✓	2. RUDDER CROSSHEAD & TILLER. CERT. No. C. 72205. NEW-ON-TYNE 2.2.6
4. STEEL PLAN & BULKHEADS.	4. SHELL EXPANSION. ✓	
5. RUDDER & STERNFRAME.	5. SCANTLING SECTIONS. ✓	3. STEERING GEAR. CERT. No. C. 72206. NEW-ON-TYNE 2.2.6
6. SCANTLING SECTIONS.	6. CASING TOW HOOK STIFFENING DETAILS. ✓	
7. SHAFT BRACKETS & BOW PLATE.		4. RUDDER CARRIER. CERT. No. C. 72274. NEW-ON-TYNE 9.3.6
8. ENGINE & BOILER SEATS.		
9. CASINGS - TOW HOOK STIFFENING DETAILS.	N.B. THE ABOVE NOTED "AS BUILT PLANS" FORWARDED NOW UNDER SEPARATE COVER.	5. RUDDER STOCK & "A" BRACKETS. CERT. No. NIL CALCUTTA 3.4.62.
10. ARRANG'T FILLING & AIR SOUNDING PIPES.		6. TOWING WINCH. CERT. No. C. 72530. NEW-ON-TYNE 12.4
11. SEA SUCTION CHEST FOR MAIN INJECTION VALVE.		7. WINDLASS. CERT. No. C. 72531. NEW-ON-TYNE 12.4
12. SEA SUCTION CHEST FOR FIRE PUMP INLET.		N.B. THE ABOVE NOTED CERTIFICATES FORWARDED WITH THIS REPORT.
N.B. ABOVE NOTED "APPROVED PLANS" RETAINED IN CALCUTTA OFFICE PENDING COMPLETION OF EXACT SISTER SHIP "AGNITIT" & THESE WILL BE FORWARDED ON COMPLETION OF THE SECOND TUG.		

SISTER SHIP "AGNITIT" M/s. HOOGHLY DOCKING & ENGINEERING CO. LTD., YARD No. 4143 - (BUILDING).

SPECIAL FEATURES



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